

REMARKS

Claims 1-6 are pending in this application. In the Office Action, Claims 1-6 were rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,359,987 to *Tran et al.* in view of U.S. Patent No. 4,410,890 to *Davis et al.* and further in view of U.S. Patent No. 6,449,371 to *Tan et al.*

An interview was conducted with the Examiner November 16, 2006, regarding certain inconsistencies in the Office Action. During the interview the Examiner confirmed that *Davis et al.* should not have been cited in the Office Action, and that *Davis et al.* need not be considered in the response. The Examiner also confirmed that certain appearances of “Tan” in the Office Action should read “Tran.” The Examiner specifically confirmed that “Tan” should only be cited at lines 11 and 13-16 of page 4 of the Office Action. This response has been prepared in accordance with the Examiner’s instruction.

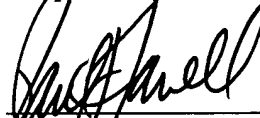
In *Tran et al.*, a multimedia speaker detector determines whether a connected speaker is an actively driven speaker or a passively driven speaker by detecting an impedance level of the speaker connected to the system. Accordingly, the system of *Tran et al.* would previously store the impedance value in order to distinguish a type of the speaker in comparison with the impedance level detected from the connected speaker.

In contrast, in the present invention, it is unnecessary to detect the impedance level and previously store the impedance value in order to distinguish the type of the speaker.

In the present invention, a sense signal is generated according to the connection of nodes P1 and P3 from among the nodes (P1~P3) of an ear jack. Further, the present invention discloses a structure for distinguishing whether an earphone is connected or an external speaker is connected according to whether the generated sense signal is high or low. *Tan et al.* fails to cure the above defect of *Tran et al.* Accordingly, it is believed that the combination of *Tran et al.* and *Tan et al.* fails render the present invention unpatentable.

Accordingly, the pending claims, i.e. Claims 1-6, are believed to be in condition for allowance, and issuance of a notice of allowance is respectfully requested. If the Examiner has any questions regarding this communication, the Examiner is requested to contact the undersigned.

Respectfully submitted,



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